

Practice

For use with pages 34–38

Find the difference.

1. $7 - 11$

2. $15 - 26$

3. $4 - (-20)$

4. $13 - (-8)$

5. $-12 - 9$

6. $-19 - 28$

7. $-2 - (-24)$

8. $-18 - (-5)$

9. $-21 - (-6)$

Evaluate the expression when $x = -14$ and $y = -3$.

10. $x - y$

11. $29 - x$

12. $x - (-17)$

13. $-27 - y$

14. $y - 18$

15. $x - (-23)$

16. $x - 4 - 9$

17. $15 - y - 7$

18. $31 - 35 - y$

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Find the change in temperature or elevation.**19.** From -16°C to 23°C **20.** From -47°C to -38°C **21.** From 9°F to -12°F **22.** From -16°F to -27°F **23.** From -64 meters to -40 meters**24.** From -20 meters to 50 meters**25.** From 120 yards to -45 yards**26.** From -16 feet to -32 feet**27.** Find the value of the expression $-9 - (-4) - 6$.**28.** Find the value of the expression $102 - (-7) - 270$.

29. A group of hikers on a mountain began at an elevation of 3040 feet above sea level and stopped at an elevation of 2319 feet above sea level. What was their change in elevation between these points? How can you tell from the change in elevation whether the hikers were going up or down the mountain?

30. The temperature at 6 A.M. was 63°F . At 3 P.M., the temperature was 41°F . What was the change in temperature?